

On page 2, line 25, please delete the first two paragraphs of the Summary and insert the following:

-- In response to these and other problems, an improved system and method is provided for an event system in a distributed directory-enabled environment using an eXtensible Markup Language ("XML") application program interface. The interface includes at least one event delineated by an event parameter, where the event defines an object delineated by an object property and an object parameter.

The method defines at least one subscription filter which allows a subscriber to selectively filter the event. The event is published and a subscriber list is retrieved which includes a subscriber and the filter. The subscriber and the filter are selected from the list and the event is filtered through the filter. Subscription to the event occurs if the event passes through the filter and the subscriber may perform actions on the event after subscription. --

In the claims:

Please cancel claims 2-20 without prejudice or disclaimer.

Please add the following new claims:

21. (New) A method for providing an event system in a distributed directory-enabled application environment using an eXtensible Markup Language ("XML") application program interface, the interface including at least one event delineated by an event parameter, the event defining an object delineated by an object property and an object parameter, the method comprising:

defining at least one subscription filter allowing a subscriber to selectively filter the event;
publishing the event;
retrieving a subscriber list, the list including the subscriber and the subscription filter;
selecting the subscriber and the subscription filter from the list;
filtering the event through the subscription filter;
passing the event to the subscriber if the event passes through the subscription filter; and
acting on the event.

22. (New) The method of claim 21 further including filtering the event through an event filter based on the event parameter.

23. (New) The method of claim 22 further including acting on the event by altering the event parameter, so that the event is transformed through the alteration.

24. (New) The method of claim 21 further including filtering the event through an object filter, whereby the event is filtered based on the object property.

25. (New) The method of claim 24 further including acting on the event by altering the object property, so that the event is transformed through the alteration.

26. (New) The method of claim 21 further including filtering the event through a parameter filter, whereby the event is filtered based on the object parameter.

27. (New) The method of claim 26 further including acting on the event by altering the object parameter, so that the event is transformed through the alteration.

28. (New) The method of claim 21 further including acting on the event by terminating the event, so that the event is stopped by the termination.

29. (New) The method of claim 21 further including tracking the event, whereby information about the event may be gathered.

30. (New) The method of claim 29 further including generating reports from the gathered information, so that the information about the event may be compiled.

31. (New) A computer system for providing an event system in a distributed directory-enabled application environment using an eXtensible Markup Language ("XML") application program interface, the interface including at least one event delineated by an event parameter, the event defining an object delineated by an object property and an object parameter, the system comprising:

at least one processor;

at least one memory accessible to the processor;

a first application stored in a first portion of the memory;

a second application stored in a second portion of the memory;
 defining at least one subscription filter allowing a subscriber to selectively filter the event;
 publishing the event by the first application;
 retrieving a subscriber list, the list including the subscriber and the filter;
 selecting the subscriber and the filter from the list;
 filtering the event through the filter;
 subscribing to the event by the second application if the event passes through the filter;
 and
 acting on the event by the second application.

32. (New) The computer system of claim 31 further including instructions for filtering the event through an event filter, whereby the event is filtered based on the event parameter.

33. (New) The computer system of claim 32 further including instructions for acting on the event by altering the event parameter, so that the event is transformed through the alteration.

34. (New) The computer system of claim 31 further including instructions for filtering the event through an object filter, whereby the event is filtered based on the object property.

35. (New) The computer system of claim 34 further including instructions for acting on the event by altering the object property, so that the event is transformed through the alteration.

36. (New) The computer system of claim 31 further including instructions for filtering the event through a parameter filter, whereby the event is filtered based on the object parameter.

37. (New) The computer system of claim 36 further including instructions for acting on the event by altering the object parameter, so that the event is transformed through the alteration.

38. (New) The computer system of claim 31 further including instructions for acting on the event by terminating the event, so that the event is stopped by the termination.

39. (New) The computer system of claim 31 further including instructions for tracking the event, whereby information about the event may be gathered.

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